

Open Infrastructure - Task #7296

Test cpanel on IPv6 only infrastructure (cpanel 84.0.6)

11/03/2019 04:11 PM - Nico Schottelius

Status:	Closed	Start date:	11/03/2019
Priority:	Normal	Due date:	
Assignee:	Nico Schottelius	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
PM Check date:			
Description			
As far as I remember they used to have IPv4 addresses hardcoded -- let's see if that's still the case.			

History

#1 - 11/03/2019 04:14 PM - Nico Schottelius

- Description updated

Debian 10 not supported:

```
2019-11-03 15:13:28 930 [983] ( INFO): cPanel & WHM installation started at: Sun Nov 3 15:13:28 2019!
2019-11-03 15:13:28 931 [983] ( INFO): This installation will require 10-50 minutes, depending on your hardware and network.
2019-11-03 15:13:28 932 [983] ( INFO): Now is the time to go get another cup of coffee/jolt.
2019-11-03 15:13:28 933 [983] ( INFO): The install will log to the /var/log/cpanel-install.log file.
2019-11-03 15:13:28 934 [983] ( INFO):
2019-11-03 15:13:28 935 [983] ( INFO): Beginning Installation v3...
2019-11-03 15:13:28 670 [983] (ERROR): The system could not detect a valid release file for this distribution
2019-11-03 15:13:28 672 [983] (ERROR): The system detected an unsupported distribution. cPanel & WHM only supports CentOS 6 and 7, Red Hat Enterprise Linux® 6 and 7, and CloudLinux™ 6 and 7.
2019-11-03 15:13:28 673 [983] (FATAL): Please reinstall cPanel & WHM from a valid distribution.
Removing /root/installer.lock.
root@localhost:/home#
```

#2 - 11/03/2019 04:22 PM - Nico Schottelius

Try 2 w/ centos7:

```
Complete!
Beginning main installation.
2019-11-03 15:20:05 930 [10396] ( INFO): cPanel & WHM installation started at: Sun Nov 3 15:20:05 2019!
2019-11-03 15:20:05 931 [10396] ( INFO): This installation will require 10-50 minutes, depending on your hardware and network.
2019-11-03 15:20:05 932 [10396] ( INFO): Now is the time to go get another cup of coffee/jolt.
2019-11-03 15:20:05 933 [10396] ( INFO): The install will log to the /var/log/cpanel-install.log file.
2019-11-03 15:20:05 934 [10396] ( INFO):
2019-11-03 15:20:05 935 [10396] ( INFO): Beginning Installation v3...
2019-11-03 15:20:05 579 [10396] (DEBUG): Detected distro "centos-release", version "7.4", arch "x86_64"
2019-11-03 15:20:05 603 [10396] ( INFO): CentOS 7.4 (Linux) detected!
2019-11-03 15:20:05 619 [10396] ( INFO): Checking RAM now...
2019-11-03 15:20:05 679 [10396] ( INFO): Validating that the system hostname ('localhost.localdomain') is a FQDN...
2019-11-03 15:20:05 685 [10396] (ERROR):
2019-11-03 15:20:05 686 [10396] (ERROR): ***** ERROR *****
2019-11-03 15:20:05 687 [10396] (ERROR):
2019-11-03 15:20:05 688 [10396] (ERROR): Your hostname (localhost.localdomain) is invalid, and must be
2019-11-03 15:20:05 689 [10396] (ERROR): set to a fully qualified domain name before installing cPanel.
2019-11-03 15:20:05 690 [10396] (ERROR):
2019-11-03 15:20:05 691 [10396] (ERROR): A fully qualified domain name must contain two dots, and consists of
two parts: the hostname and the domain name.
2019-11-03 15:20:05 692 [10396] (ERROR): You can update your hostname by running `hostname your-hostname.example.com`, then re-running the installer.
2019-11-03 15:20:05 694 [10396] (ERROR): ***** ERROR *****
2019-11-03 15:20:05 695 [10396] (FATAL): Exiting...
Removing /root/installer.lock.
[root@localhost home]#
```

- Setting the hostname to cpanel1.ungleich.ch

```
2019-11-03 15:22:44 1986 [10716] ( INFO): Valid signature for fix-cpanel-perl.xz (file:fix-cpanel-perl.xz, sig
:fix-cpanel-perl.xz.asc)
2019-11-03 15:22:44 1331 [10716] (DEBUG): - ssystem [BEGIN]: /usr/bin/unxz fix-cpanel-perl.xz
2019-11-03 15:22:44 1331 [10716] (DEBUG): - ssystem [END]
2019-11-03 15:22:44 1159 [10716] ( INFO): Running script fix-cpanel-perl to bootstrap cPanel Perl.
2019-11-03 15:22:55 1168 [10716] ( INFO): Successfully installed cPanel Perl minimal version.
2019-11-03 15:22:55 1189 [10621] ( INFO): Downloading updatenow.static
2019-11-03 15:22:55 1196 [10621] (DEBUG): Retrieving the updatenow.static file from /cpanelsync/11.84.0.6/cp
anel/scripts/updatenow.static.bz2...
2019-11-03 15:22:55 1352 [10621] (DEBUG): Retrieving http://httpupdate.cpanel.net/cpanelsync/11.84.0.6/cpane
l/scripts/updatenow.static.bz2 to the updatenow.static.bz2 file...
2019-11-03 15:22:57 1318 [10621] (DEBUG): - ssystem [BEGIN]: /usr/bin/bunzip2 updatenow.static.bz2
2019-11-03 15:22:57 1318 [10621] (DEBUG): - ssystem [END]
2019-11-03 15:22:57 1352 [10621] (DEBUG): Retrieving http://httpupdate.cpanel.net/cpanelsync/11.84.0.6/cpane
l/scripts/updatenow.static.asc to the updatenow.static.asc file...
2019-11-03 15:22:58 1986 [10621] ( INFO): Valid signature for updatenow.static (file:updatenow.static, sig:upd
atenow.static.asc)
2019-11-03 15:22:58 1207 [10621] ( INFO): Closing the installation log and passing output control to the updat
enow.static file...
[2019-11-03 15:22:59 +0000] Running version '11.84.0.6' of updatenow.
[2019-11-03 15:22:59 +0000] Retrieved public key from vendor: cpanel, category: development, url: https://se
curedownloads.cpanel.net/cPanelDevelopmentKey.asc
[2019-11-03 15:23:00 +0000] Retrieved public key from vendor: cpanel, category: release, url: https://secure
downloads.cpanel.net/cPanelPublicKey.asc
[2019-11-03 15:23:00 +0000] Detected version '' from version file.
[2019-11-03 15:23:00 +0000] --force passed on command line. Upgrade will disregard update config settings.
[2019-11-03 15:23:00 +0000] E Tried to sync version /etc/cpanel/TIERS.json file but failed: httpupdate.cpanel.
net did not have any working mirrors. Please check your internet connection or dns server. at ./updatenow.sta
tic line 44293.
[2019-11-03 15:23:00 +0000] ***** FATAL: The version for tier 'release' is not defined!
[2019-11-03 15:23:00 +0000] The Administrator will be notified to review this output when this script comple
tes
[2019-11-03 15:23:00 +0000] E Detected events which require user notification during updatenow. Will send iCon
tact the log
info [updatenow] upcp:: Notification => root@cpanel1.unglei***** via EMAIL [eventimportance => High (1)]
warn [updatenow] Failed to send notification of type "EMAIL": /usr/sbin/sendmail is not executable by UID 0 (N
o such file or directory) at ./updatenow.static line 61486.
```

There were errors when running updatenow:

```
[2019-11-03 15:23:00 +0000] E The install encountered an error: The version for tier 'release' is not defined!
Can't exec "/usr/local/cpanel/scripts/cpanel_initial_install": No such file or directory at /home/cPanelInstal
l/selfgz10569/install line 342.
2019-11-03 15:23:00 346 [10621] (FATAL): The system failed to run the /usr/local/cpanel/scripts/cpanel_initia
l_install script.
Removing /root/installer.lock.
[root@localhost home]#
```

... and fails.

#3 - 11/03/2019 04:31 PM - Nico Schottelius

Trying on a dual stack VM: continues to install further

#4 - 11/03/2019 05:47 PM - Nico Schottelius

Works on dual stack, but not IPv6 only.

#5 - 11/04/2019 12:18 PM - Nico Schottelius

- Subject changed from *Test cpanel on IPv6 only infrastructure* to *Test cpanel on IPv6 only infrastructure (cpanel 84.0.6)*

- Status changed from *In Progress* to *Closed*

Currently does not work on IPv6 only VMs. Send a report to cpanel via Twitter:

<https://twitter.com/ungleich/status/1191034606637715456>

#6 - 11/04/2019 09:56 PM - Nico Schottelius

cpanel not to be continued / not to be supported for longer time:

cPanelPhilH Today at 9:52 PM

We have no plans of delivering IPv6 only support at this time, however that may change based on a number of factors, including demand.

(from discord, <https://discordapp.com/channels/395404165418975253/395404165418975255>)

In case they want to move forward, we offer help & support:

ungleich Today at 9:54 PM

Fair enough! In that case we will look into alternatives for these customers at the moment. If you are interested in actively pursuing it, we are open to helping you with infrastructure and knowledge - just give me a ping.